PHILIPS Lighting



Coreline tempo large

BVP130 LED210-4S/740 PSU OFA52 ALU C1KC3

Coreline tempo large, Floodlight, 141 W, 21000 lm, 4000 K, CRI70, Asymmetrical, IP66

CoreLine tempo large delivers on the CoreLine promise of innovative, easy to use and high quality luminaires. A narrow range of options makes it easy to find the best lux-for-lux replacement for 150W, 250W, and 400W HID lamps. The CoreLine tempo large floodlighting range offers lumen packages for many different application areas as well as a choice of high-performance asymmetrical and symmetrical optics. The installation is made easy thanks to the U-shaped universal mounting bracket and the external quick 3-poles connector. It is an ideal solution for outdoor areas such as tempo floodlights for industrial/commercial areas, parking lots, etc.

Product data

General Information	
Lamp family code	LED210-4S [LED module, system flux 21000
	lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Performance
Serviceability class	Class C, luminaire without serviceable parts,
	not serviceable
Warranty period	5 years
Sustainability rating	-

Light Technical	
Upward light output ratio	0
Luminous Flux	21,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	144 lm/W
Color rendering index (CRI)	70
Number of light sources	80
Light source color	740 neutral white
Luminaire light beam spread	52° x 102°
Optic type outdoor	Asymmetrical
Effective projected area	0.15 m²
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz

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Inrush current	58 A
Inrush time	0.34 ms
Power Consumption	141 W
Power Factor (Fraction)	0.99
Connection	External connector
Cable	Cable 1.0 m with plug Wieland/Adels
	compatible 3-pole
Number of products on MCB of 16 A type	7
В	
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
	differential mode and 8 kV common mode
Total harmonic distortion	5.03 %
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Wall-mounting bracket
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	340.5 mm
Overall width	422 mm
Overall height	67.4 mm
Dimensions (Height x Width x Depth)	67 x 422 x 341 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass
Net Weight (Piece)	7.500 kg
Emergency Operation	
Central Emergency	No
Approval and Application	
Approval and Application	For mounting on portfolly descended
Flammability mark	For mounting on normally flammable
CE mark	surfaces
CE mark	Yes
ENEC mark	ENEC mark
Photobiological risk	Photobiological risk group 1 @200mm to
	EN62778

EU RoHS compliant	Yes
Performance ambient temperature Tq	25 ℃
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value. * At
	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Ambient temperature range	-40 to +45 °C
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.382, 0.379) SDCM <5

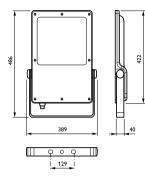
milial chromaticity	(0.302, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Standard Deviation of Colour Matching	SDCM≤5
(McAdam ellipse)	

Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful	10 %
life 75000 h	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance (EN-IEC 62722-2-1)	L80
at median useful life* 75000 h	
Lumen maintenance (EN-IEC 62722-2-1)	L90
at median useful life* 100000 h	
Product Data	
Order product name	BVP130 LED210-4S/740 PSU OFA52 ALU

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	C1KC3
Full product name	BVP130 LED210-4S/740 PSU OFA52 ALU
	С1КСЗ
Full product code	871869909640300
Order code	912300023661
Material Nr. (12NC)	912300023661
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699096403
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699096403
Product family code	BVP130 [CORELINE TEMPO LARGE]
Numerator - Packs per outer box EAN/UPC - Case	1 8718699096403

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Dimensional drawing





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